

Amendments to the Specification:

1. Please replace Table 1 in the specification with the following.

Table 1		
Entry	Name	Structure
1	2-[(3-cyano-4,6-dimethyl-5-nitropyridin-2-yl)oxy]-N-[3-(trifluoromethyl)phenyl]acetamide	
2	N²-(2-amino-6-chloropyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide N ² -(2-amino-6-chloropyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide	
3	[2-amino-6-(methylthio)pyrimidin-4-yl]methyl [3-(trifluoromethyl)phenyl]carbamate	
4	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[5-(trifluoromethyl)pyridin-2-yl]acetamide	
5	N²-[2-amino-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide N ² -[2-amino-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
6	2-{[2-amino-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	

Table 1

7	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[3-(methyloxy)phenyl]acetamide	
8	<u>N²-(2-amino-6-morpholin-4-ylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-(2-amino-6-morpholin-4-ylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide	
9	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(4-chlorophenyl)acetamide	
10	2-{{[2-amino-6-(1H-1,2,3-benzotriazol-1-yloxy)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
11	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(3-chlorophenyl)acetamide	
12	<u>N²-(2-amino-6-chloro-5-formylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-(2-amino-6-chloro-5-formylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide	

Table 1

13	<u>N²-[2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
14	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	
15	2-[(2-amino-6-chloropyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	
16	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-methyl-N-[3-(trifluoromethyl)phenyl]acetamide	
17	<u>N²-[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
18	<u>N²-[4-(dimethylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[4-(dimethylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
19	<u>N²-[4-(methylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[4-(methylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	

Table 1		
20	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
21	<u>2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-[3-(trifluoromethyl)phenyl]acetamide</u> 2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-[3-(trifluoromethyl)phenyl]acetamide	
22	<u>2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-[3-(butyloxy)phenyl]acetamide</u> 2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-[3-(butyloxy)phenyl]acetamide	
23	<u>2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-1,3-benzothiazol-2-ylacetamide</u> 2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-1,3-benzothiazol-2-ylacetamide	
24	<u>2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-(5-ethyl-1,3,4-thiadiazol-2-yl)acetamide</u> 2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-(5-ethyl-1,3,4-thiadiazol-2-yl)acetamide	
25	<u>2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-(4-methyl-1,3-thiazol-2-yl)acetamide</u> 2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-(4-methyl-1,3-thiazol-2-yl)acetamide	
26	<u>2-amino-4-[[2-(3,5-dimethyl-1H-pyrazol-1-yl)-2-oxoethyl]thio]-6-(methylthio)pyrimidine-5-carbonitrile</u> 2-amino-4-[[2-(3,5-dimethyl-1H-pyrazol-1-yl)-2-oxoethyl]thio]-6-(methylthio)pyrimidine-5-carbonitrile	

Table 1		
27	2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-1,3-thiazol-2-ylacetamide 2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-1,3-thiazol-2-ylacetamide	
28	ethyl 5-[(2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl)thio]acetyl]amino]-4-cyano-3-methylthiophene-2-carboxylate	
29	2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-pyridin-2-ylacetamide	
30	2-amino-4-(2-[2,5-bis(methoxy)phenyl]-2-oxoethyl)thio)-6-(methylthio)pyrimidine-5-carbonitrile	
31	2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-[4-fluoro-3-(trifluoromethyl)phenyl]acetamide	
32	2-[(2,6-diaminopyrimidin-4-yl)thio]-N-[4-fluoro-3-(trifluoromethyl)phenyl]acetamide	
33	2-[(2,6-diaminopyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	

Table 1		
34	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[4-chloro-3-(trifluoromethyl)phenyl]acetamide	
35	2-amino-4-(methylthio)-6-({2-oxo-1-[3-(trifluoromethyl)phenyl]pyrrolidin-3-yl}thio)pyrimidine-5-carbonitrile	
36	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[6-(trifluoromethyl)pyridin-2-yl]acetamide	
37	2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[4-(trifluoromethyl)pyridin-2-yl]acetamide	
38	{6-(methylthio)-2-[(phenylmethyl)amino]pyrimidin-4-yl}methyl [3-(trifluoromethyl)phenyl]carbamate	
39	[6-(methylamino)-2-(methylthio)pyrimidin-4-yl]methyl [3-(trifluoromethyl)phenyl]carbamate	
40	{2-(methylthio)-6-[(phenylmethyl)amino]pyrimidin-4-yl}methyl [3-(trifluoromethyl)phenyl]carbamate	

Table 1		
41	2-{{2-(acetylthio)-5-cyano-6-(methylthio)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
42	(2S)-2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}oxy}-N-[3-(trifluoromethyl)phenyl]propanamide	
43	2-{{2-amino-6-chloro-5-formylpyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
44	N-2-[2-amino-5-(hydroxymethyl)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
45	2-{{2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl}thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
46	2-{{2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl}oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	
47	2-{{4-amino-6-(methylthio)-1,3,5-triazin-2-yl}oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	

Table 1		
48	2- {[2-amino-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
49	2-amino-4-(methylthio)-6- {[2-oxo-2-(3-oxo-3,4-dihydro-2H-1,4-benzoxazin-6-yl)ethyl]thio}pyrimidine-5-carbonitrile	
50	2-[(2-amino-6-chloro-5-formylpyrimidin-4-yl)oxy]-N-[3-(trifluoromethyl)phenyl]acetamide	
51	2- {[2-amino-5-formyl-6-(phenylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
52	2- {[2-amino-5-(hydroxymethyl)-6-(phenylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
53	2- {[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[2-methyl-3-(trifluoromethyl)phenyl]acetamide	
54	2- {[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[2-(methyloxy)-5-(trifluoromethyl)phenyl]acetamide	

Table 1

55	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-[2-chloro-5-(trifluoromethyl)phenyl]acetamide	
56	2-([2-amino-5-(hydroxymethyl)-6-(methylthio)pyrimidin-4-yl]oxy)-N-[3-(trifluoromethyl)phenyl]acetamide	
57	N ² -[6-amino-1H-pyrazolo[3,4-d]pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide N-2-(6-amino-1H-pyrazolo[3,4-d]pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide	
58	N ² -[2-amino-5-(E)-hydrazonomethyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide N-2-[2-amino-5-[(E)-hydrazonomethyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
59	N ² -[2-amino-5-(E)-(hydroxyimino)methyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide N-2-[2-amino-5-(E)-(hydroxyimino)methyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
60	N ² -[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	

Table 1		
61	2-{{[2-amino-5-cyano-6-(methylamino)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
62	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[2-amino-5-(trifluoromethyl)phenyl]acetamide	
63	2-amino-4-(methylthio)-6-({[6-(trifluoromethyl)-1H-benzimidazol-2-yl]methyl}thio)pyrimidine-5-carbonitrile	
64	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
65	<u>N²-[5-cyano-2-(methylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N ² -[5-cyano-2-(methylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
66	2-{{[2-amino-5-cyano-6-(dimethylamino)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	
67	(S)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	

Table 1

68	(2R)-2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy)-N-[3-(trifluoromethyl)phenyl]propanamide	
69	1-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy)-N-[3-(trifluoromethyl)phenyl]cyclopropanecarboxamide	
70	(2S)-2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy)-3-methyl-N-[3-(trifluoromethyl)phenyl]butanamide	
71	<u>N²-[5-cyano-2-(dimethylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[5-cyano-2-(dimethylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
72	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
73	1-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino)-N-[3-(trifluoromethyl)phenyl]cyclopropanecarboxamide	
74	<u>N²-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u>	

Table 1		
75	<u>N²-[2-amino-5-cyano-6-(methylsulfonyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylsulfonyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
76	<u>N²-(5-cyano-2-morpholin-4-yl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-(5-cyano-2-morpholin-4-yl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	
77	2-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3,5-bis(trifluoromethyl)phenyl]acetamide	
78	<u>N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	
79	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methyloxy)-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methyloxy)-5-(trifluoromethyl)phenyl]-L-alaninamide	
80	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-chloro-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-chloro-5-(trifluoromethyl)phenyl]-L-alaninamide	

Table 1		
81	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]alaninamide</u>	
82	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-{3-[(4-methylpiperazin-1-yl)carbonyl]phenyl}-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-{3-[(4-methylpiperazin-1-yl)carbonyl]phenyl}-L-alaninamide</u>	
83	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-alaninamide</u>	
84	2-[(2-amino-5-cyano-6-morpholin-4-yl)pyrimidin-4-yl]thio]-N-[3-(trifluoromethyl)phenyl]acetamide	
85	(R)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	
86	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u>	

Table 1		
87	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-[2-(dimethylamino)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u></p> <p>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-[2-(dimethylamino)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide</p>	
88	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	
89	<p><u>N²-(2,6-diamino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N-2-(2,6-diamino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	
90	<p><u>N²-(2-amino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N-2-(2-amino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	
91	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	
92	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-{[2-(diethylamino)ethyl]oxy}phenyl)-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-{[2-(diethylamino)ethyl]oxy}phenyl)-L-alaninamide</p>	

Table 1		
93	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-1,2-dimethyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
94	<u>N²-(2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl)-N-[3-amino-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-amino-5-(trifluoromethyl)phenyl]-L-alaninamide	
95	ethyl [1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-({[3-(trifluoromethyl)phenyl]amino}carbonyl)hydrazino]acetate	
96	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
97	3,5-diamino-4,6-dimethyl-N-[3-(trifluoromethyl)phenyl]furo[2,3-b]pyridine-2-carboxamide	
98	3-amino-4,6-dimethyl-5-nitro-N-[3-(trifluoromethyl)phenyl]furo[2,3-b]pyridine-2-carboxamide	
99	<u>N²-(2-amino-5-cyano-6-hydroxypyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-(2-amino-5-cyano-6-hydroxypyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	

Table 1		
100	<u>N²-[5-cyano-2-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[5-cyano-2-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
101	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-(tetrahydro-2H-pyran-4-ylmethyl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-(tetrahydro-2H-pyran-4-ylmethyl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	
102	<u>N²-(2-amino-5-cyano-6-[(2-(dimethylamino)ethyl)oxy]pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-(2-amino-5-cyano-6-[(2-(dimethylamino)ethyl)oxy]pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u>	
103	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁶-{[(1,1-dimethylethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysινamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁶-{[(1,1-dimethylethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysινamide</u>	
104	<u>2-amino-4-(methylthio)-6-(methyl[(1S)-1-[6-(trifluoromethyl)-1H-benzimidazol-2-yl]ethyl]amino)pyrimidine-5-carbonitrile</u>	
105	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-[2-(tetrahydro-2H-pyran-4-yl)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-[2-(tetrahydro-2H-pyran-4-yl)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	

Table 1		
106	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{2-(diethylamino)ethyl}amino]-5-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{2-(diethylamino)ethyl}amino]-5-(trifluoromethyl)phenyl]-L-alaninamide</u></p>	
107	2-amino-4-(methylthio)-6-((1S)-1-[6-(trifluoromethyl)-1H-benzimidazol-2-yl]ethyl)amino)pyrimidin-5-carbonitrile	
108	2-{2-amino-5-cyano-6-[1-(3-trifluoromethyl-phenyl)carbamoyl]-1S-ethylamino]-pyrimidin-4-ylamino}-N-(3-trifluoromethyl-phenyl)-2S-propionamide	
109	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N-(3-methylphenyl)glycinamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-(3-methylphenyl)glycinamide</u></p>	
110	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N-[3-(1-methylcetyl)phenyl]glycinamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(1-methylcetyl)phenyl]glycinamide</u></p>	

Table 1

111	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-[imino(nitroamino)methyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p> <p>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-5-[imino(nitroamino)methyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</p>	
112	<p>methyl 3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-5-(trifluoromethyl)benzoate</p>	
113	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-nitrophenyl)-L-alaninamide</u></p> <p>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-nitrophenyl)-L-alaninamide</p>	
114	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-lysινamide</u></p> <p>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-lysινamide</p>	
115	<p><u>N²-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N²-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	
116	<p><u>N²-[5-cyano-2-{[2-(methyloxy)ethyl]amino}-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N²-[5-cyano-2-{[2-(methyloxy)ethyl]amino}-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	

Table 1		
117	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide</u></p> <p>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide</p>	
118	<p><u>N²-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	
119	<p><u>N²-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	
120	<p><u>N²-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	
121	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	
122	<p><u>N²-[2-amino-5-cyano-6-[(1-methylethyl)oxy]pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-[(1-methylethyl)oxy]pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	

Table 1		
123	<u>N⁵-acetyl-N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-5-acetyl-N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
124	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-aminophenyl)-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-aminophenyl)-L-alaninamide	
125	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	
126	2-(methyloxy)ethyl ((4S)-4-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}amino}-5-oxo-5-{{3-(trifluoromethyl)phenyl}amino}pentyl)carbamate	
127	2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	
128	1,1-dimethylethyl ((4S)-4-{{2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl}amino}-5-oxo-5-{{3-(trifluoromethyl)phenyl}amino}pentyl)carbamate	

Table 1		
129	N-2-[2-amino-5-cyano-6-(ethoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	
130	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	
131	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[3-(4-methylpiperazin-1-yl)propyl]-5-(trifluoromethyl)benzamide	
132	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N-{3-[(trifluoromethyl)oxy]phenyl}-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-{3-[(trifluoromethyl)oxy]phenyl}-L-alaninamide	

Table 1

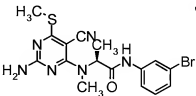
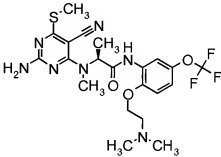
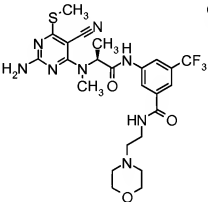
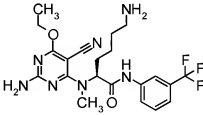
133	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-bromophenyl)-N²-methyl-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-bromophenyl)-N-2-methyl-L-alaninamide	 Chiral
134	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-{2-[(2-(dimethylamino)ethyl)oxy]-5-[(trifluoromethyl)oxy]phenyl}-N²-methyl-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-{2-[(2-(dimethylamino)ethyl)oxy]-5-[(trifluoromethyl)oxy]phenyl}-N-2-methyl-L-alaninamide	 Chiral
135	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide	 Chiral
136	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-lysineamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-lysineamide	 Chiral

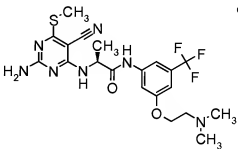
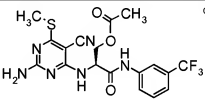
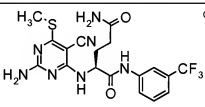
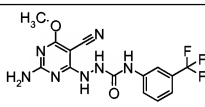
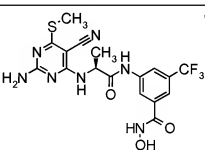
Table 1		
137	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{{2-(dimethylamino)ethyl}oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{{2-(dimethylamino)ethyl}oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide</u></p>	 <p>Chiral</p>
138	<p>(2S)-2-{{2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl}amino}-3-oxo-3-{{3-(trifluoromethyl)phenyl}amino}propyl acetate</p>	 <p>Chiral</p>
139	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N¹-[3-(trifluoromethyl)phenyl]-L-glutamamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-1-[3-(trifluoromethyl)phenyl]-L-glutamamide</u></p>	 <p>Chiral</p>
140	<p>2-[2-amino-5-cyano-6-(methoxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide</p>	
141	<p>3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-N-hydroxy-5-(trifluoromethyl)benzamide</p>	 <p>Chiral</p>

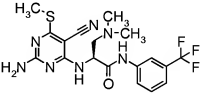
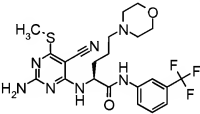
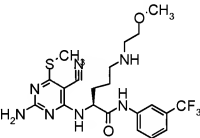
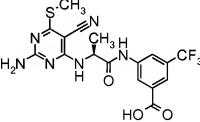
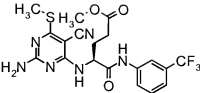
Table 1		
142	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</p>	 <p>Chiral</p>
143	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide</u></p> <p>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide</p>	 <p>Chiral</p>
144	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p> <p>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</p>	 <p>Chiral</p>
145	<p>3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-5-(trifluoromethyl)benzoic acid</p>	 <p>Chiral</p>
146	<p><u>methyl N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamate</u></p> <p>methyl N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamate</p>	 <p>Chiral</p>

Table 1

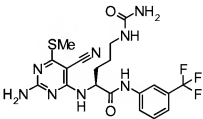
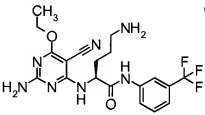
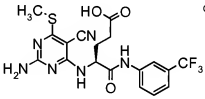
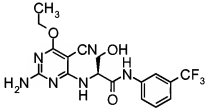
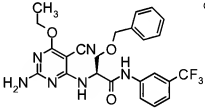
147	<p><u>N⁵-(aminocarbonyl)-N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p> <p><u>N-5-(aminocarbonyl)-N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p>	 <p>Chiral</p>
148	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p>	 <p>Chiral</p>
149	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamine</u></p> <p><u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamine</u></p>	 <p>Chiral</p>
150	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u></p>	 <p>Chiral</p>
151	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u></p>	 <p>Chiral</p>

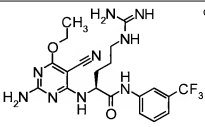
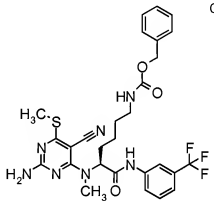
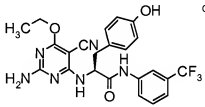
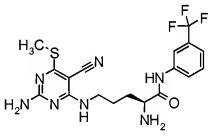
Table 1		
152	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide</u></p>	 <p>Chiral</p>
153	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N⁶-[[(phenylmethyl)oxy]carbonyl]-N-[3-(trifluoromethyl)phenyl]-L-lysineamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-6-[[[(phenylmethyl)oxy]carbonyl]-N-[3-(trifluoromethyl)phenyl]-L-lysineamide</u></p>	 <p>Chiral</p>
154	<p><u>N^{alpha}-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-tyrosinamide</u></p>	 <p>Chiral</p>
155	<p><u>N⁵-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p> <p><u>N-5-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p>	 <p>Chiral</p>

Table 1

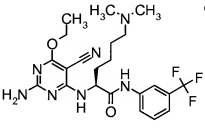
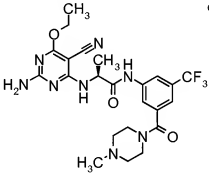
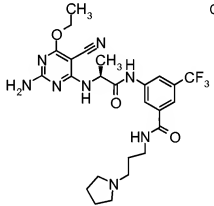
156	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N⁶,N⁶-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysynamide</u></p> <p>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-6,N-6-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysynamide</p>	 <p>Chiral</p>
157	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-[(4-methylpiperazin-1-yl)carbonyl]-5-(trifluoromethyl)phenyl]-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-[(4-methylpiperazin-1-yl)carbonyl]-5-(trifluoromethyl)phenyl]-L-alaninamide</p>	 <p>Chiral</p>
158	<p>3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl} amino)-N-(3-pyrrolidin-1-ylpropyl)-5-(trifluoromethyl)benzamide</p>	 <p>Chiral</p>

Table 1

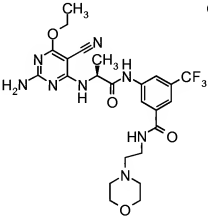
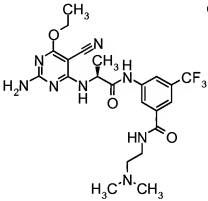
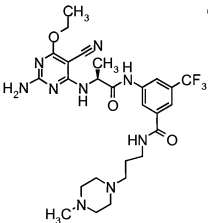
159	3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide	 <p>Chiral</p>
160	3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	 <p>Chiral</p>
161	3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-[3-(4-methylpiperazin-1-yl)propyl]-5-(trifluoromethyl)benzamide	 <p>Chiral</p>

Table 1

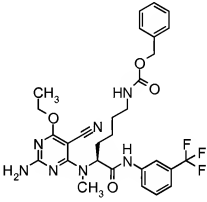
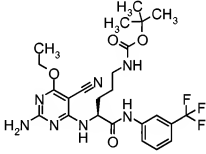
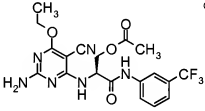
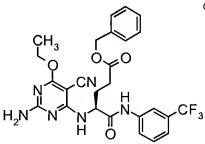
162	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N²-methyl-N⁶-{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysineamide</u></p> <p>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-2-methyl-N-6-{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysineamide</p>	 <p>Chiral</p>
163	<p>1,1-dimethylethyl ((4S)-4-{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate</p>	 <p>Chiral</p>
164	<p>(2S)-2-{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-3-oxo-3-{[3-(trifluoromethyl)phenyl]amino}propyl acetate</p>	 <p>Chiral</p>
165	<p><u>phenylmethyl N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamate</u></p> <p>phenylmethyl N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alpha-glutamate</p>	 <p>Chiral</p>

Table 1

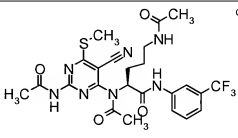
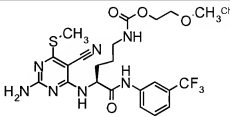
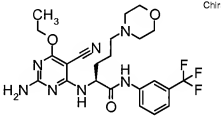
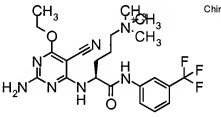
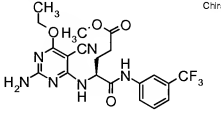
166	<u>N²,N⁵-diacetyl-N²-[2-(acetylamino)-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-2-,N-5--diacetyl-N-2--[2-(acetylamino)-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral
167	2-(methyloxy)ethyl ((4S)-4-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-5-oxo-5-{{[3-(trifluoromethyl)phenyl]amino}pentyl}carbamate	 Chiral
168	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide	 Chiral
169	N-((4S)-4-{{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{{[3-(trifluoromethyl)phenyl]amino}pentyl)-N,N-dimethylmethanaminium	 Chiral
170	<u>Methyl N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamate</u> Methyl N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamate	 Chiral

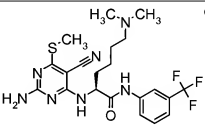
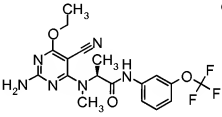
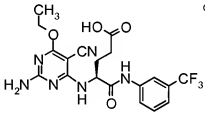
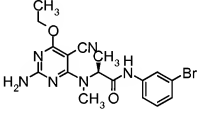
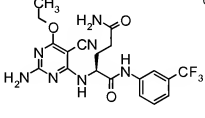
Table 1		
171	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁶,N⁶-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysynamide</u></p> <p>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-6,N-6-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysynamide</p>	 <p>Chiral</p>
172	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)oxy]phenyl]-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-[(trifluoromethyl)oxy]phenyl]-L-alaninamide</p>	 <p>Chiral</p>
173	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamine</u></p> <p>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamine</p>	 <p>Chiral</p>
174	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N²-methyl-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N-2-methyl-L-alaninamide</p>	 <p>Chiral</p>
175	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N¹-[3-(trifluoromethyl)phenyl]-L-glutamamide</u></p> <p>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-1-[3-(trifluoromethyl)phenyl]-L-glutamamide</p>	 <p>Chiral</p>

Table 1

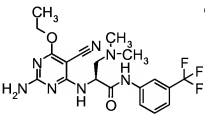
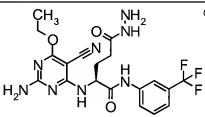
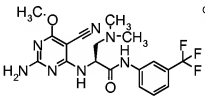
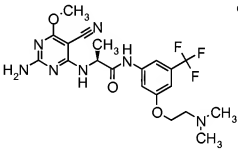
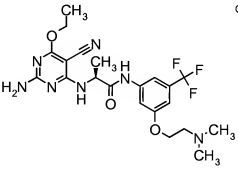
176	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
177	<u>2-(2-amino-5-cyano-6-ethoxypyrimidin-4-ylamino)-5-hydrazinyl-5-oxo-N-(3-(trifluoromethyl)phenyl)pentanamide</u> 2-(2-amino-5-cyano-6-ethoxypyrimidin-4-ylamino)-4-hydrazinocarbonyl-N-(3-(trifluoromethyl)phenyl)butyramide	 Chiral
178	<u>N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
179	<u>N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-[[2-(dimethylamino)ethyl]oxy]-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-[[2-(dimethylamino)ethyl]oxy]-5-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral
180	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-[[2-(dimethylamino)ethyl]oxy]-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-[[2-(dimethylamino)ethyl]oxy]-5-(trifluoromethyl)phenyl]-L-alaninamide	 Chiral

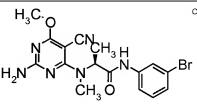
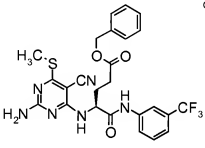
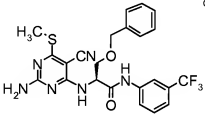
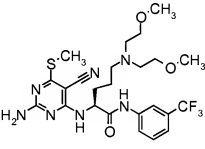
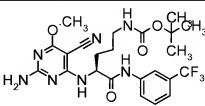
Table 1		
181	<u>N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N²-methyl-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N-2-methyl-L-alaninamide	 Chiral
182	<u>phenylmethyl N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamate</u> phenylmethyl N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamate	 Chiral
183	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide	 Chiral
184	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵,N⁵-bis[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N ⁵ ,N ⁵ -bis[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 Chiral
185	1,1-dimethylethyl ((4S)-4-{{[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]amino}-5-oxo-5-[[3-(trifluoromethyl)phenyl]amino]pentyl} carbamate	 Chiral

Table 1

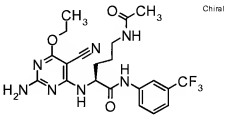
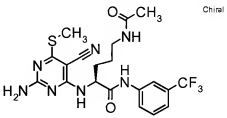
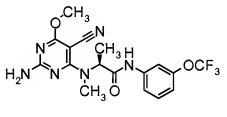
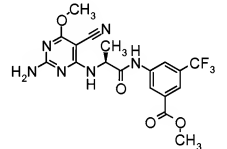
186	<p><u>N⁵-acetyl-N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p> <p>N-5-acetyl-N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</p>	 <p>Chiral</p>
187	<p><u>N⁵-acetyl-N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u></p> <p>N-5-acetyl-N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</p>	 <p>Chiral</p>
188	<p><u>N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-[(trifluoromethyl)oxy]phenyl]-L-alaninamide</u></p> <p>N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-[(trifluoromethyl)oxy]phenyl]-L-alaninamide</p>	
189	<p>methyl 3-({N-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-L-alanyl}amino)-5-(trifluoromethyl)benzoate</p>	

Table 1

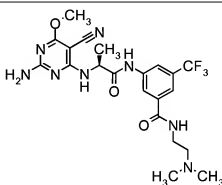
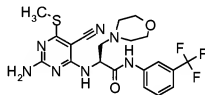
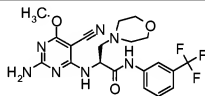
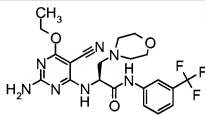
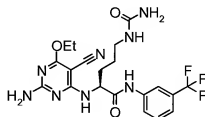
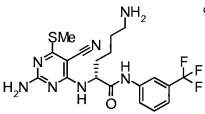
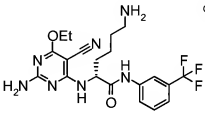
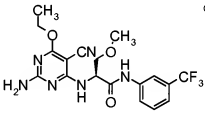
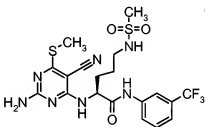
190	3-({N-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-L-alanyl} amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	 <p>Chiral</p>
191	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	 <p>Chiral</p>
192	<u>N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	 <p>Chiral</p>
193	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	 <p>Chiral</p>
194	<u>N⁵-(aminocarbonyl)-N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-5-(aminocarbonyl)-N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	 <p>Chiral</p>

Table 1

195	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysineamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysineamide</u></p>	 <p>Chiral</p>
196	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysineamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysineamide</u></p>	 <p>Chiral</p>
197	<p><u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-methyl-N-[3-(trifluoromethyl)phenyl]-L-serineamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-methyl-N-[3-(trifluoromethyl)phenyl]-L-serineamide</u></p>	 <p>Chiral</p>
198	<p><u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-(methylsulfonyl)-N-[3-(trifluoromethyl)phenyl]-L-ornithineamide</u></p> <p><u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-(methylsulfonyl)-N-[3-(trifluoromethyl)phenyl]-L-ornithineamide</u></p>	 <p>Chiral</p>

2. Please replace Table 2 with the following,

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
1	2-[(3-cyano-4,6-dimethyl-5-nitropyridin-2-yl)oxy]-N-[3-(trifluoromethyl)phenyl]acetamide	A	D	D
2	<u>N²-(2-amino-6-chloropyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-(2-amino-6-chloropyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide	A	D	D
3	[2-amino-6-(methylthio)pyrimidin-4-yl]methyl [3-(trifluoromethyl)phenyl]carbamate	A	D	
4	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[5-(trifluoromethyl)pyridin-2-yl]acetamide	A	D	D
5	<u>N²-(2-amino-6-(methylthio)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[2-amino-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	A	D	D
6	2-{[2-amino-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	A	D	D
7	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(methyloxy)phenyl]acetamide	A	D	D
8	<u>N²-(2-amino-6-morpholin-4-ylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-(2-amino-6-morpholin-4-ylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide	A		D
9	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(4-chlorophenyl)acetamide	A	D	D
10	2-{[2-amino-6-(1H-1,2,3-benzotriazol-1-yl)oxy]pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	A	D	D
11	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-(3-chlorophenyl)acetamide	A	D	
12	<u>N²-(2-amino-6-chloro-5-formylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-(2-amino-6-chloro-5-formylpyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide	A	D	D
13	<u>N²-(2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	B	D	D
14	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	B	D	D
15	2-[(2-amino-6-chloropyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	B	D	

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
16	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-methyl-N-[3-(trifluoromethyl)phenyl]acetamide	B	D	D
17	<u>N²-[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	B	D	D
18	<u>N²-[4-(dimethylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[4-(dimethylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	B	D	D
19	<u>N²-[4-(methylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[4-(methylamino)-6-(methylthio)-1,3,5-triazin-2-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	B	D	
20	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	B	D	D
21	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-[3-(trifluoromethyl)phenyl]acetamide	A	D	D
22	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-[3-(butyloxy)phenyl]acetamide	A	D	D
23	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-1,3-benzothiazol-2-ylacetamide	A	D	
24	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-(5-ethyl-1,3,4-thiadiazol-2-yl)acetamide	A	D	D
25	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-(4-methyl-1,3-thiazol-2-yl)acetamide	A	D	D
26	2-amino-4-([2-(3,5-dimethyl-1H-pyrazol-1-yl)-2-oxoethyl]thio)-6-(methylthio)pyrimidine-5-carbonitrile	A	D	D
27	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-1,3-thiazol-2-ylacetamide	A	D	D
28	ethyl 5-([([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)acetyl)amino]-4-cyano-3-methylthiophene-2-carboxylate	A	D	D
29	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-pyridin-2-ylacetamide	A	D	D
30	2-amino-4-([2-[2,5-bis(methoxy)phenyl]-2-oxoethyl]thio)-6-(methylthio)pyrimidine-5-carbonitrile	A	D	D
31	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-[4-fluoro-3-(trifluoromethyl)phenyl]acetamide	A	D	D
32	2-([2,6-diaminopyrimidin-4-yl]thio)-N-[4-fluoro-3-(trifluoromethyl)phenyl]acetamide	A	D	D

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
33	2-[(2,6-diaminopyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	A	D	D
34	2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[4-chloro-3-(trifluoromethyl)phenyl]acetamide	A	D	D
35	2-amino-4-(methylthio)-6-(2-oxo-1-[3-(trifluoromethyl)phenyl]pyrrolidin-3-yl)thio]pyrimidine-5-carbonitrile	A	D	D
36	2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-[6-(trifluoromethyl)pyridin-2-yl]acetamide	A	D	D
37	2-[[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio]-N-[4-(trifluoromethyl)pyridin-2-yl]acetamide	A	D	D
38	{6-(methylthio)-2-[(phenylmethyl)amino]pyrimidin-4-yl} methyl [3-(trifluoromethyl)phenyl]carbamate	A	D	D
39	[6-(methylamino)-2-(methylthio)pyrimidin-4-yl]methyl [3-(trifluoromethyl)phenyl]carbamate	A	D	D
40	{2-(methylthio)-6-[(phenylmethyl)amino]pyrimidin-4-yl} methyl [3-(trifluoromethyl)phenyl]carbamate	A	D	D
41	2-{[2-(acetyl amino)-5-cyano-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
42	(2S)-2-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]propanamide	B		
43	2-[(2-amino-6-chloro-5-formylpyrimidin-4-yl)thio]-N-[3-(trifluoromethyl)phenyl]acetamide	B	D	
[[44]]	N-2-[2-amino-5-(hydroxymethyl)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	[[B]]	[[D]]	[[D]]
45	2-{[2-amino-5-formyl-6-(methylamino)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
46	2-{[2-amino-5-formyl-6-(methylthio)pyrimidin-4-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
47	2-{[4-amino-6-(methylthio)-1,3,5-triazin-2-yl]oxy}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
48	2-{[2-amino-6-(methylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	B		
49	2-amino-4-(methylthio)-6-[[2-oxo-2-(3-oxo-3,4-dihydro-2H-1,4-benzoxazin-6-yl)ethyl]thio]pyrimidine-5-carbonitrile	B	D	D
50	2-[(2-amino-6-chloro-5-formylpyrimidin-4-yl)oxy]-N-[3-(trifluoromethyl)phenyl]acetamide	B		
51	2-{[2-amino-5-formyl-6-(phenylthio)pyrimidin-4-yl]thio}-N-[3-(trifluoromethyl)phenyl]acetamide	B		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
52	2-([2-amino-5-(hydroxymethyl)-6-(phenylthio)pyrimidin-4-yl]thio)-N-[3-(trifluoromethyl)phenyl]acetamide	B		
53	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-[2-methyl-3-(trifluoromethyl)phenyl]acetamide	C		
54	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-[2-(methoxy)-5-(trifluoromethyl)phenyl]acetamide	C		
55	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-[2-chloro-5-(trifluoromethyl)phenyl]acetamide	C		
56	2-([2-amino-5-(hydroxymethyl)-6-(methylthio)pyrimidin-4-yl]oxy)-N-[3-(trifluoromethyl)phenyl]acetamide	C		
57	<u>N²-(6-amino-1H-pyrazolo[3,4-d]pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-(6-amino-1H-pyrazolo[3,4-d]pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	C		
58	<u>N²-[2-amino-5-[(E)-hydrazonomethyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[2-amino-5-[(E)-hydrazonomethyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	C		
59	<u>N²-[2-amino-5-[(E)-(hydroxyimino)methyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[2-amino-5-[(E)-(hydroxyimino)methyl]-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	C		
60	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u>	C		
61	2-([2-amino-5-cyano-6-(methylamino)pyrimidin-4-yl]thio)-N-[3-(trifluoromethyl)phenyl]acetamide	C		
62	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-[2-amino-5-(trifluoromethyl)phenyl]acetamide	C		
63	2-amino-4-(methylthio)-6-([6-(trifluoromethyl)-1H-benzimidazol-2-yl]methyl)thio)pyrimidine-5-carbonitrile	C		
64	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	C		
65	<u>N²-[5-cyano-2-(methylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> <u>N-2-[5-cyano-2-(methylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u>	C		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
66	2-([2-amino-5-cyano-6-(dimethylamino)pyrimidin-4-yl]thio)-N-[3-(trifluoromethyl)phenyl]acetamide	C		
67	(S)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	C		
68	(2R)-2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy)-N-[3-(trifluoromethyl)phenyl]propanamide	C		
69	1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy-N-[3-(trifluoromethyl)phenyl]cyclopropanecarboxamide	C		
70	(2S)-2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]oxy)-3-methyl-N-[3-(trifluoromethyl)phenyl]butanamide	D		
71	<u>N²-[5-cyano-2-(dimethylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[5-cyano-2-(dimethylamino)-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	D		
72	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]glycinamide	D		
73	1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino-N-[3-(trifluoromethyl)phenyl]cyclopropanecarboxamide	D		
74	<u>N²-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
75	<u>N²-[2-amino-5-cyano-6-(methylsulfonyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylsulfonyl)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
76	<u>N²-(5-cyano-2-morpholin-4-yl)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-(5-cyano-2-morpholin-4-yl)pyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]glycinamide	D		
77	2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]thio)-N-[3,5-bis(trifluoromethyl)phenyl]acetamide	D		
78	<u>N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
79	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methyloxy)-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-(methyloxy)-5-(trifluoromethyl)phenyl]-L-alaninamide	D		
80	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-chloro-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-chloro-5-(trifluoromethyl)phenyl]-L-alaninamide	D		
81	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]alaninamide	D		
82	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-[(4-methylpiperazin-1-yl)carbonyl]phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-[(4-methylpiperazin-1-yl)carbonyl]phenyl]-L-alaninamide	D		
83	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-alaninamide	D		
84	2-[(2-amino-5-cyano-6-morpholin-4-yl)pyrimidin-4-ylthio]-N-[3-(trifluoromethyl)phenyl]acetamide	D		
85	(R)-1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]prolinamide	D		
86	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	D		
87	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-[2-(dimethylamino)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-[2-(dimethylamino)ethyl]-N-[3-(trifluoromethyl)phenyl]glycinamide	D		
88	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
89	<u>N²-(2,6-diamino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-(2,6-diamino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
90	<u>N²-(2-amino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-(2-amino-5-cyanopyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
91	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
92	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-{[2-(diethylamino)ethyl]oxy}phenyl)-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-{[2-(diethylamino)ethyl]oxy}phenyl)-L-alaninamide	D		
93	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-1,2-dimethyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	D		
94	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-amino-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-amino-5-(trifluoromethyl)phenyl]-L-alaninamide	D		
95	ethyl [1-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-({[3-(trifluoromethyl)phenyl]amino}carbonyl)hydrazino]acetate	D		
96	2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-2-methyl-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	D		
97	3,5-diamino-4,6-dimethyl-N-[3-(trifluoromethyl)phenyl]furo[2,3-b]pyridine-2-carboxamide	D		
98	3-amino-4,6-dimethyl-5-nitro-N-[3-(trifluoromethyl)phenyl]furo[2,3-b]pyridine-2-carboxamide	D		
99	<u>N²-(2-amino-5-cyano-6-hydroxypyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-(2-amino-5-cyano-6-hydroxypyrimidin-4-yl)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
100	<u>N²-[5-cyano-2-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide</u> N-2-[5-cyano-2-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]glycinamide	D	D	

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
101	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-</u> <u>(tetrahydro-2H-pyran-4-ylmethyl)-N-[3-</u> <u>(trifluoromethyl)phenyl]glycinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2- (tetrahydro-2H-pyran-4-ylmethyl)-N-[3- (trifluoromethyl)phenyl]glycinamide	D	D	
102	<u>N²-(2-amino-5-cyano-6-[[2-</u> <u>(dimethylamino)ethyl]oxy]pyrimidin-4-yl)-N-[3-</u> <u>(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-(2-amino-5-cyano-6-[[2- (dimethylamino)ethyl]oxy]pyrimidin-4-yl)-N-[3- (trifluoromethyl)phenyl]-L-alaninamide	D		
103	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁶-</u> <u>{{(1,1-dimethylethyl)oxy}carbonyl}-N-[3-</u> <u>(trifluoromethyl)phenyl]-L-lysινamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-6- {{(1,1-dimethylethyl)oxy}carbonyl}-N-[3- (trifluoromethyl)phenyl]-L-lysινamide	D		
104	2-amino-4-(methylthio)-6-(methyl{(1S)-1-[6- (trifluoromethyl)-1H-benzimidazol-2- yl]ethyl}amino)pyrimidine-5-carbonitrile	D		
105	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-</u> <u>[2-(tetrahydro-2H-pyran-4-yl)ethyl]-N-[3-</u> <u>(trifluoromethyl)phenyl]glycinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2- [2-(tetrahydro-2H-pyran-4-yl)ethyl]-N-[3- (trifluoromethyl)phenyl]glycinamide	D		
106	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-</u> <u>{{2-(diethylamino)ethyl}amino}-5-</u> <u>(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N- [3-{{2-(diethylamino)ethyl}amino}-5- (trifluoromethyl)phenyl]-L-alaninamide	D		
107	2-amino-4-(methylthio)-6-({(1S)-1-[6-(trifluoromethyl)- 1H-benzimidazol-2-yl]ethyl}amino)pyrimidine-5- carbonitrile	D		
108	2-{2-amino-5-cyano-6-[1-(3-trifluoromethyl- phenylcarbamoyl)-1S-ethylamino]-pyrimidin-4-ylamino}- N-(3-trifluoromethyl-phenyl)-2S-propionamide	D		
109	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-</u> <u>methyl-N-(3-methylphenyl)glycinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2- methyl-N-(3-methylphenyl)glycinamide	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
110	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N-[3-(1-methylethyl)phenyl]glycinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-(1-methylethyl)phenyl]glycinamide	D		
111	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-[imino(nitroamino)methyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-5-[imino(nitroamino)methyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	D		
112	methyl 3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-5-(trifluoromethyl)benzoate	D	D	
113	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-nitrophenyl)-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-nitrophenyl)-L-alaninamide	D		
114	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-lysineamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-lysineamide	D		
115	<u>N²-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	B		
116	<u>N²-[5-cyano-2-{[2-(methyloxy)ethyl]amino}-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[5-cyano-2-{[2-(methyloxy)ethyl]amino}-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
117	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide	D		
118	<u>N²-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylsulfinyl)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
119	<u>N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
120	<u>N²-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(propyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
121	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
122	<u>N²-[2-amino-5-cyano-6-[(1-methylethyl)oxy]pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-[(1-methylethyl)oxy]pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
123	<u>N⁵-acetyl-N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-5-acetyl-N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	D		
124	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-aminophenyl)-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-aminophenyl)-L-alaninamide	D		
125	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	D		
126	2-(methyloxy)ethyl ((4S)-4-{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	D		
127	2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	D		
128	1,1-dimethylethyl ((4S)-4-{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{[3-(trifluoromethyl)phenyl]amino}pentyl)carbamate	D		
129	N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	D	D	D
130	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	A	D	D
131	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-[3-(4-methylpiperazin-1-yl)propyl]-5-(trifluoromethyl)benzamide	A	D	D

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
132	N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N-[3-[(trifluoromethyl)oxy]phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-[3-[(trifluoromethyl)oxy]phenyl]-L-alaninamide	A	D	D
133	N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-bromophenyl)-N²-methyl-L-alaninamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-(3-bromophenyl)-N-2-methyl-L-alaninamide	A	D	D
134	N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-{[2-(dimethylamino)ethyl]oxy}-5-[(trifluoromethyl)oxy]phenyl]-N²-methyl-L-alaninamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[2-{[2-(dimethylamino)ethyl]oxy}-5-[(trifluoromethyl)oxy]phenyl]-N-2-methyl-L-alaninamide	A	D	D
135	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-methyl-L-alanyl}amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide	A	D	D
136	N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyl)phenyl]-L-lysινamide N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyl)phenyl]-L-lysινamide	A	D	D
137	N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-{[2-(dimethylamino)ethyl]oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide	A	D	D
138	(2S)-2-([2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino)-3-oxo-3-([3-(trifluoromethyl)phenyl]amino)propyl acetate	B	D	D
139	N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N¹-[3-(trifluoromethyl)phenyl]-L-glutamamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-1-[3-(trifluoromethyl)phenyl]-L-glutamamide	B		
140	2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]hydrazinecarboxamide	B	D	D
141	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-N-hydroxy-5-(trifluoromethyl)benzamide	B	D	D

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
142	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	B	D	D
143	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide	B		
144	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-5-[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	C		
145	3-({N-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-L-alanyl}amino)-5-(trifluoromethyl)benzoic acid	C		
146	<u>methyl N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamate</u> methyl N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamate	C		
147	<u>N⁵-(aminocarbonyl)-N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-5-(aminocarbonyl)-N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	C	D	
148	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	C	D	
149	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamine</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamine	C		
150	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-serinamide	C		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
151	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide	D		
152	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-argininamide	D		
153	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N²-methyl-N⁶-{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysινamide</u> N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-2-methyl-N-6-{{(phenylmethyl)oxy}carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysινamide	D		
154	<u>Nalpa-2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-tyrosinamide</u>	D		
155	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> N-5-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	D		
156	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N⁶,N⁶-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysινamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-6,N-6-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysινamide	D		
157	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-[(4-methylpiperazin-1-yl)carbonyl]-5-(trifluoromethyl)phenyl]-L-alaninamide</u> N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-[(4-methylpiperazin-1-yl)carbonyl]-5-(trifluoromethyl)phenyl]-L-alaninamide	D		
158	<u>3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-(3-pyrrolidin-1-ylpropyl)-5-(trifluoromethyl)benzamide</u>	D		
159	<u>3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-(2-morpholin-4-ylethyl)-5-(trifluoromethyl)benzamide</u>	D		
160	<u>3-({N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl}amino)-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide</u>	D	D	

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
161	3-((N-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-L-alanyl)amino)-N-[3-(4-methylpiperazin-1-yl)propyl]-5-(trifluoromethyl)benzamide	D		
162	N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N²-methyl-N⁶-{[(phenylmethyl)oxy]carbonyl}-N-[3-(trifluoromethyl)phenyl]-L-lysινamide N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-2-methyl-N-6-[[[(phenylmethyl)oxy]carbonyl]-N-[3-(trifluoromethyl)phenyl]-L-lysινamide	D		
163	1,1-dimethylethyl ((4S)-4-{{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{{[3-(trifluoromethyl)phenyl]amino}pentyl}carbamate	D		
164	(2S)-2-{{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-3-oxo-3-{{[3-(trifluoromethyl)phenyl]amino}propyl} acetate	D		
165	phenylmethyl N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutaminatε phenylmethyl N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutaminatε	D		
166	N²,N⁵-diacetyl-N²-[2-(acetylamino)-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide N-2-,N-5- diacetyl N-2-[2-(acetylamino)-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	D		
167	2-(methyloxy)ethyl ((4S)-4-{{[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]amino}-5-oxo-5-{{[3-(trifluoromethyl)phenyl]amino}pentyl}carbamate	D		
168	N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-5-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-norvalinamide	D		
169	N-((4S)-4-{{[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]amino}-5-oxo-5-{{[3-(trifluoromethyl)phenyl]amino}pentyl)-N,N-dimethylmethanaminium	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
170	Methyl N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamate Methyl N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamate	D		
171	N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁶,N⁶-dimethyl-N-[3-(trifluoromethyl)phenyl]-L-lysineamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-6-,N-6- dimethyl N-[3 (trifluoromethyl)phenyl]-L-lysineamide	D		
172	N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N²-methyl-N-{3-[(trifluoromethyl)oxy]phenyl}-L-alanineamide N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-[(trifluoromethyl)oxy]phenyl]-L-alanineamide	D	D	
173	N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamine N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutamine	D		
174	N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N²-methyl-L-alanineamide N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N-2-methyl-L-alanineamide	D		
175	N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N¹-[3-(trifluoromethyl)phenyl]-L-glutamineamide N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-1-[3 (trifluoromethyl)phenyl]-L-glutamineamide	D		
176	N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alanineamide N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3 (trifluoromethyl)phenyl]-L-alanineamide	D		
177	2-(2-amino-5-cyano-6-ethoxy)pyrimidin-4-ylamino)-5-hydrazinyl-5-oxo-N-(3-(trifluoromethyl)phenyl)pentanamide Structure possibly contains amino-acid-derivative which is not supported in current version!	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
178	N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-(dimethylamino)-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
179	N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-{{2-(dimethylamino)ethyl}oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-[3-{{2-(dimethylamino)ethyl}oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide	D		
180	N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-{{2-(dimethylamino)ethyl}oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-{{2-(dimethylamino)ethyl}oxy}-5-(trifluoromethyl)phenyl]-L-alaninamide	D		
181	N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N²-methyl-L-alaninamide N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-(3-bromophenyl)-N-2-methyl-L-alaninamide	D		
182	phenylmethyl N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutaminatc phenylmethyl N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-α-glutaminatc	D		
183	N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-O-(phenylmethyl)-N-[3-(trifluoromethyl)phenyl]-L-serinamide	D		
184	N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵,N⁵-bis[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-5,N-5-bis[2-(methyloxy)ethyl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	D		
185	1,1-dimethylethyl ((4S)-4-{{2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl}amino}-5-oxo-5-{{3-(trifluoromethyl)phenyl}amino}pentyl)carbamate	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
186	N⁵-acetyl-N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide N-5-acetyl-N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	D		
187	N⁵-acetyl-N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide N-5-acetyl-N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide	D		
188	N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N²-methyl-N-[3-(trifluoromethyloxy)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-N-2-methyl-N-[3-(trifluoromethyloxy)phenyl]-L-alaninamide	D		
189	methyl 3-(N-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-L-alanyl)amino-5-(trifluoromethyl)benzoate	D		
190	3-(N-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-L-alanyl)amino-N-[2-(dimethylamino)ethyl]-5-(trifluoromethyl)benzamide	D		
191	N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
192	N²-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(methyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		
193	N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-3-morpholin-4-yl-N-[3-(trifluoromethyl)phenyl]-L-alaninamide	D		

Table 2

Entry	Name	p70S6K	Akt-1	PDK-1
194	<u>N⁵-(aminocarbonyl)-N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-5-(aminocarbonyl)-N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u>	D	D	
195	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysineamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysineamide</u>	D	D	
196	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysineamide</u> <u>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-N-[3-(trifluoromethyl)phenyl]-D-lysineamide</u>	D	D	
197	<u>N²-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-methyl-N-[3-(trifluoromethyl)phenyl]-L-serineamide</u> <u>N-2-[2-amino-5-cyano-6-(ethyloxy)pyrimidin-4-yl]-O-methyl-N-[3-(trifluoromethyl)phenyl]-L-serineamide</u>	D		
198	<u>N²-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N⁵-(methylsulfonyl)-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u> <u>N-2-[2-amino-5-cyano-6-(methylthio)pyrimidin-4-yl]-N-5-(methylsulfonyl)-N-[3-(trifluoromethyl)phenyl]-L-ornithinamide</u>	D		